

INDUSTRIAL COMPONENT DATA

PTDA 1,5/ 2-3,5 MC:RD,WH 1504481 PHOENIX CONTACT PCB terminal, rated current: 17.5 A, rated voltage (III/2):...

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTDA 1,5/ 2-3,5 MC:RD,WH



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTDA 1,5/ 2-3,5 MC:RD,WH
Catalog number	1504481
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-77902039B6
Generated	2026-08-03

Product Overview

PCB terminal, rated current: 17.5 A, rated voltage (III/2): 240 V, rated cross-section: 1.5 mm², number of rows: 1, number of poles per row: 2, item family: PTDA 1.5/, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45°, Color: Multicolor, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 3.5mm, Number of Solder Pins by Potential: 2, Packing Type: Boxed Packaging

PCB terminal block, nominal current: 17.5 A, rated voltage (III/2): 240 V, nominal cross section: 1.5 mm², number of rows: 1, number of positions per row: 2, product range: PTDA 1,5/, pitch: 3.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: multicolored, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Technical dataProduct propertiesProduct line COMBICON Terminals S

Product type Printed circuit board terminal

Product family PTDA 1,5/

Number of positions 2

Pitch 3.5 mm

Number of rows 1

Pin layout Linear pinning

Solder pins per potential 2

Electrical propertiesNominal current IN 17.5 A

Nominal voltage UN 240 V

Degree of pollution 3

Rated voltage (III/3) 200 V

Rated surge voltage (III/3) 2.5 kV

Rated voltage (III/2) 240 V

Rated surge voltage (III/2) 2.5 kV

Rated voltage (II/2) 400 V

Rated surge voltage (II/2) 2.5 kV

Connection dataConnection technology

Nominal cross section 1.5 mm²

Conductor connection

Connection method Push-in spring connection

Conductor cross section rigid 0.2 mm² ... 1.5 mm²

Conductor cross section flexible 0.2 mm² ... 1.5 mm²

Conductor cross section AWG 24 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm² ... 1.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm² ... 0.5 mm²

2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 0.5 mm²

Stripping length 10 mm

MountingMounting type Wave soldering

Pin layout Linear pinning

Material specificationsMaterial data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)

Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)

Material data - h...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTDA 1,5/ 2-3,5 MC:RD,WH with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.